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## ABSTRACT

The present invention is directed to an image information encoding apparatus (10) used, in receiving compressed image information through network media, when processing of such compressed image information is performed on storage media. A picture sorting buffer (12) delivers information of picture type of frame Picture\_type to a picture type discrimination unit (22). The picture type discrimination unit (22) transmits command to a motion prediction/compensation unit (21) on the basis of that information. The motion prediction/compensation unit (21) generates predictive picture by using filter coefficients having the number of taps lesser than that of P picture with respect to B picture for which operation quantity and the number of memory accesses are required to more degree as compared to, e.g., P picture on the basis of that command.